

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-10. (Canceled)

11. (New) An electro-luminescent element arrangement with plastic sealing, comprising:

at least one electro-luminescent element having a desired light output including at least one color, and a desired brightness, design, and geometric shape together with conductive means for supplying electricity to achieve said desired light output, said electro-luminescent element being sealed by sealing means within a single protective piece,

wherein said sealing means makes a chemical resin, particles, a liquid, or combination of resins, particles, and liquids under a variety of different selected conditions or materials, including temperature, pressure, timing, and tooling, and by means of selected processing operations, into a single piece, and seals the at least one electro-luminescent element into the single protective piece,

wherein said single protective piece exhibits optical effects that vary an appearance of light emitted by said arrangement when said at least one electro-luminescent element is connected with a circuit and power source;

wherein said optical effects vary at least one of an image, color, brightness, clearance, size, and direction of light emitted by said at least one electro-luminescent element; and

said conductive means includes at least one of a wire, ribbon, flexible printed circuit board, and electrodes of the at least one electro-luminescent element and said plastic piece is arranged to enable connection of said conductive means with the circuit and power source to obtain desired light functions and features.

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12. (New) The electro-luminescent arrangement as claimed in claim 11, wherein said processing operations are selected from the group consisting of injection by machine and manual pouring at selected times.

13. (New) The electro-luminescent arrangement as claimed in claim 11, wherein said at least one electro-luminescent element is selected from the group consisting of a sheet, panel, twisted panel, bent element, folded element, cylinder, and coil, installed within said protective piece.

14. (New) The electro-luminescent arrangement as claimed in claim 11, wherein said protective piece has a desired thickness, transparency, color, or added material to vary said image, size, brightness, or color.

15. (New) The electro-luminescent arrangement as claimed in claim 11, wherein said plastic piece includes a material made from petroleum, a tree, or an animal into plastic, rubber, PVC, PE, PP, PU, POLY, PC, PS in particle, resin, or liquid form.

16. (New) The electro-luminescent arrangement as claimed in claim 11, further comprising additional light means.

17. (New) The electro-luminescent arrangement as claimed in claim 11, wherein said plastic piece further comprises a surface treatment selected from the group consisting of windows, designs, masking cut-outs, openings, laminations, silk-screening, in-mold films, heat-transfer indicia, and thickness changes.

18. (New) An electro-luminescent element arrangement with plastic sealing, comprising:
at least one electro-luminescent element twisted around a center buss-wire which delivers a predetermined electric signal having a desired voltage, frequency, and current from one end to another;

electrodes of at least one electro-luminescent element connected to the buss-wire; and

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conductive means for connecting the buss-wire with an outside signal source,
seals the at least one electro-luminescent element into the single protective piece; and

a single protective piece formed under a variety of selected conditions and materials for
sealing said electro-luminescent element and said electrodes.

19. (New) An electro-luminescent arrangement as claimed in claim 18, wherein said conductive
means includes an electrical socket.

20 . (New) An electro-luminescent arrangement as claimed in claim 19, wherein said socket is
connected to a plurality of said electro-luminescent elements.